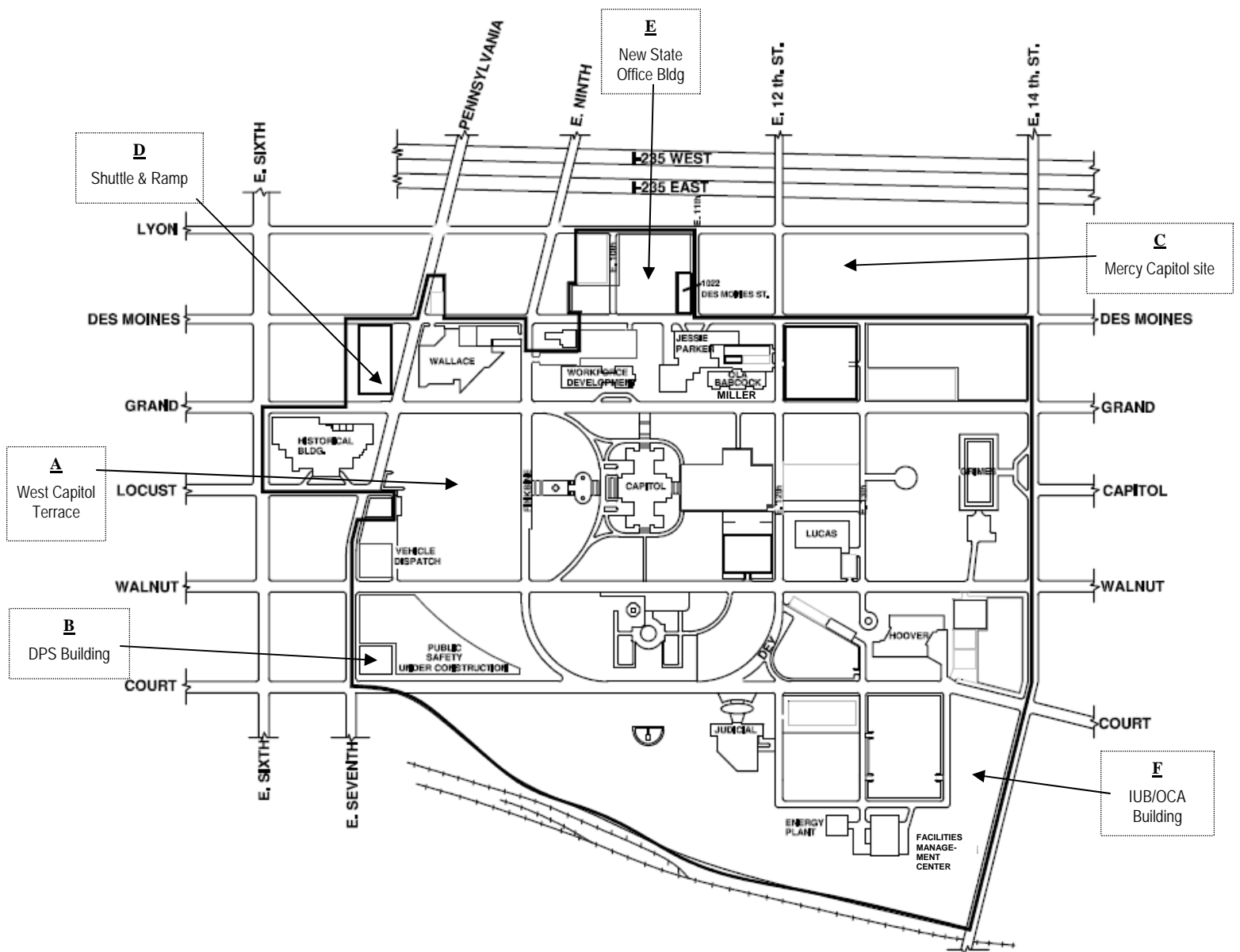


IOWA STATE CAPITOL COMPLEX



KEY

- A — West Capitol Terrace project
- B — Department of Public Safety Building
- C — Mercy Capitol site
- D — Capitol Shuttle and the state's Parking Ramp
- E — New State Office Building site
- F — New IUB/OCA Building site



Project Title	FY2008	FY2009	FY2010	FY2011	FY2012	Projected 5-Year Expenses Total
Capitol Complex Alternative Energy Systems						
Governor's Recommendation	\$450,000					
<i>Five Year Plan:</i>	\$250,000	\$200,000	\$80,000	\$3,000,000	\$0	\$3,530,000
Offer Description						
Develop alternative energy sources on the Capitol Complex, such as wind power and bio-diesel co-generation systems.						
Justification						
Per Executive Order #41, the State of Iowa shall ensure that on average at least 10% of the electric consumption for all buildings where the state directly pays for the electric consumption come from alternate energy production, as defined by Iowa Code Section 476.42, by 2010. Agencies may generate their own alternate energy or may participate in their utility's green power purchase programs, where available, to fulfill this requirement. Currently, the Capitol Complex is purchasing 4.7% green power from MidAmerican Energy. To reach the 10% goal, additional alternatives will need to be identified.						
Consequences of Deferral						
The Capitol Complex will not effectively assist in reaching the statewide goal.						
Alternatives to Project						
Look for alternative green power options.						
Central Energy Plant and Facilities Management Center Additions and Improvements						
Governor's Recommendation	\$998,000					
<i>Five Year Plan:</i>	\$998,000	\$623,000	\$425,000	\$545,000	\$316,000	\$2,907,000
Offer Description						
Provide design and construction services for improvements and additions to the Central Energy Plant, the Central Energy Plant cooling equipment, and the Facilities Management Center Building. Year 1 of the project specifically addresses changes at the Central Energy Plant.						
Justification						
Recently the Central Energy Plant has been utilized to provide year round cooling for the Hoover data center. Use of this system is envisioned to serve other buildings on complex year round, and will allow for replacement of the stand-alone system now serving the Capitol. In order to make this system reliable and cost effective throughout the winter, the existing wet cooling tower equipment must be replaced with a dry cooling tower system. The Capitol is currently on a small cooling system for year round cooling. It is extremely undersized and not capable of performing. Instead of installing a new system the Capitol the existing system should be connect to the central cooling loop and the old system used as a backup. Cooling tower #2 at the Central Energy Plant is old and not set up for a year round operation, therefore, replacement of this cooling tower is also necessary. Currently GSE incurs the cost of all utilities on the complex, and agencies have limited incentive to conserve energy. The offer includes installation of a sub-metering system to monitor utility consumption on an agency-by-agency basis. This offer also proposes additional improvements to the Central Energy Plant and the Facilities Management Center (formerly Capitol Complex Maintenance Building) in						



Project Title	FY2008	FY2009	FY2010	FY2011	FY2012	Projected 5-Year Expenses Total
Consequences of Deferral Without the improvements to the cooling equipment; existing equipment will continue to serve most of the Capitol Complex only during the cooling season, and inefficient winter cooling equipment at individual buildings will continue to be used, with repairs as necessary. The potential for energy savings and other efficiencies of improved equipment will not be realized.						
Alternatives to Project Continue current operations and make repairs as necessary to existing cooling equipment for individual buildings, such as the Capitol Building cooling tower.						
<hr/>						
Hoover Building HVAC Improvements						
Governor's Recommendation	\$1,320,000					
<i>Five Year Plan:</i>	\$1,320,000	\$0	\$0	\$0	\$0	\$1,320,000
Offer Description Install new electronic HVAC (heating, ventilating and air conditioning) controls throughout the Hoover State Office Building.						
Justification Currently the Hoover building is a mixture of mostly old pneumatic controls with electronic monitoring. The system is difficult to control and is not energy efficient. The greatest possible gains in energy efficiency and dependability.						
Consequences of Deferral Continued overconsumption of energy and continued control problems with air flow.						
Alternatives to Project Do nothing and continue to address problems piecemeal.						
<hr/>						
Vehicle Dispatch/Fleet Relocation of Fuel Farm						
Governor's Recommendation	\$350,000					
<i>Five Year Plan:</i>	\$350,000	\$0	\$0	\$0	\$0	\$350,000
Offer Description Provide funding to relocate the Fleet gas station and support services from E. 7th and Court Ave. to a new location to be determined. During FY2008, the gas tanks, canopy and underground tank relocation. Remediation costs are unknown at this time.						
Justification The current gas station location conflicts with the Capitol Complex master plan with respect to the West Capitol Terrace project and the renovation of the Records and Property Building. This offer will relocate the station, including underground fuel tanks, to a site to be determined, allowing for open space adjacent to West Capitol Terrace.						
Consequences of Deferral The west end of the complex will not blend aesthetically with the East Village and with the West Capitol Terrace area.						



Project Title	FY2008	FY2009	FY2010	FY2011	FY2012	Projected 5-Year Expenses Total
Alternatives to Project						
Do nothing.						
Capitol Complex Relocation and Leasing Expenses						
Governor's Recommendation	\$1,824,500					
<i>Five Year Plan:</i>	\$1,824,500	\$1,824,500	\$1,824,500	\$1,824,500	\$1,824,500	\$9,122,500
Offer Description						
Provide moving, temporary leasing and other expenses related to renovation of and movement into buildings on the Capitol Complex. It permits selected agencies that are currently paying facility leases to return to the Capitol Complex. It also allows agencies to temporarily relocate off-complex.						
Justification						
This funding for Relocation and Leasing Expenses will allow for more efficient and cost effective operation of state government. Some facilities may need to be closed or services relocated until health and life safety issues can be corrected. Some leases may need to be terminated. Some relocation projects may need to be delayed. This project supports the restoration, demolition or major renovation of buildings on the Capitol Complex by providing for other tenant improvements on complex or at leased facilities off complex. This funding allows for temporary vacation of spaces during construction work, including asbestos abatement, for tenant improvements to allow for reassignment of agencies, for associated design and moving costs and for leasing costs to temporarily house agencies off-complex until space on-complex becomes available. Without this funding there is no contingency plan for the temporary relocation of employees in the event of an emergency, damage to a building or health and safety concerns such as those recently identified at the Wallace Building. The state's Capitol Complex infrastructure is aging and all buildings on complex, with the exception of the Judicial Branch facility, are more than 25 years old. Improvements to these facilities are						
Consequences of Deferral						
The responsibility for off-complex leasing, in most cases, has been transferred to individual agencies. Without this funding, however, agencies will have to pay unanticipated leasing fees in cases of emergency relocation needs, or temporary moves for other reasons will have to be delayed. In some situations, there may be no facilities within which agencies can perform their duties and missions if funds cannot be identified. Vacant spaces on complex may remain unoccupied, employees will be housed in less than adequate facilities or renovation work requiring relocation may be delayed..						
Alternatives to Project						
If the Department of Administrative Services does not receive leasing and relocation funds, each agency must be responsible for paying the leased costs from its own operating budget when moves are required. Additionally, plans for tenant improvements in existing Capitol Complex facilities will be halted or delayed.						



Project Title	FY2008	FY2009	FY2010	FY2011	FY2012	Projected 5-Year Expenses Total
Statewide Routine Maintenance						
Governor's Recommendation	\$5,000,000					
<i>Five Year Plan:</i>	\$20,000,000	\$20,000,000	\$20,000,000	\$20,000,000	\$20,000,000	\$100,000,000
Offer Description						
Provide routine, recurring and preventive maintenance for state owned facilities throughout the state for all agencies except Department of Transportation, Department of Natural Resources, Department of Public Defense, Regent Institutions and Iowa Public Employees' Retirement System and Iowa Lottery.						
Justification						
Without this funding for Statewide Routine Maintenance, continuity of government cannot be assured. Emergency funding may be required to address immediate needs as they arise or facilities and systems will be closed. Routine, recurring and preventive maintenance is essential to maintain building elements, systems and components in operating order and to meet manufacturers' recommendations to comply with warranty requirements and achieve life expectancies. It also makes good business sense. National trends indicate a minimum of 1.5% of current replacement value should be committed to annual routine maintenance. The Code of Iowa requires agencies to request routine maintenance funding equal to 1% of the replacement value for buildings. The current replacement cost for state owned buildings (not including agency exceptions) totals just over \$2.0 billion. The state has made major investments in inventory that must be maintained if we are to protect the interests of Iowa's taxpayers and serve the needs of its citizens. In FY2007, with an appropriation of \$2.5365 million, agencies are receiving less the 23¢ per square foot for the more than 11 million square feet of facilities. This request will provide approximately \$1.80 per square foot.						
Consequences of Deferral						
Increased major maintenance costs and increased risk of building failures.						
Alternatives to Project						
Limit the routine, recurring, preventative maintenance work, allowing further deterioration of facilities and increasing the backlog of deferred maintenance. Require agencies to use operating funds for routine maintenance work, limiting their ability to carry out their programs.						
DHS/IJH Power House and Associated Equipment Capital Request						
Governor's Recommendation	\$7,035,000					
<i>Five Year Plan:</i>	\$7,035,000	\$0	\$0	\$0	\$0	\$7,035,000
Offer Description						
Continuation of project started in FY 2006 to replace the existing powerhouse and all associated equipment, and install energy efficiency improvements. Funding has been appropriated for this project in FY 2006, \$1,161,045, and FY 2007, \$1,521,045, for a total of \$2,682,090. Energy management improvements have been included in this capital request with an estimate cost of \$1,091,500. Estimates received in July 2006 put the total cost of the project at \$9,717,090. This request is to fund the additional amount needed to install the energy improvements and to complete the original project.						



Project Title	FY2008	FY2009	FY2010	FY2011	FY2012	Projected 5-Year Expenses Total
Justification The current Power House is in extremely bad condition and would require extensive repairs to avoid structural failure. The current steam system is very inefficient and unreliable. The existing boilers were placed in service in 1965 and have exceeded their expected useful lives. These boilers are also oversized for the current operation, causing cyclic operation and poor overall efficiency. Both boiler burners are single fire, forced air, and are among the least efficient manufactured. For every \$1 spent on natural gas for boiler use, 50 cents is lost on inefficiency. Large portions of living space are not air conditioned, while inefficient room air conditioners are used in some areas.						
Consequences of Deferral Without this funding, it will become more difficult to provide heat for the facility due to the current unreliable and inefficient boiler system.						
Alternatives to Project An alternative to this offer is to make emergency structural repairs on the Power House and continue to use the steam system for heat and domestic hot water. The facility would deal with the reliability and inefficiency of this system only when it fails. This alternative risks closing the facility while a new system is installed on an emergency basis, especially if the failure occurs during the heating season.						
Complex Pedestrian /Utility Tunnel Repairs						
Governor's Recommendation	\$5,309,200					
<i>Five Year Plan:</i>	\$5,309,200	\$5,309,200	\$5,309,200	\$5,309,200	\$5,309,200	\$26,546,000
Offer Description This service offering is to provide planning, design and repairs to all of the pedestrian and utility tunnels on the Capitol Complex. The project funding will be part of a five year plan to address the badly needed repairs.						
Justification This funding is essential for the operation of State Government. The tunnel system requires major alterations to allow continued use and has several sections that have suffered significant deterioration. The tunnel ventilation system needs major repairs. Several sections of the walls and floors need to be replaced. Waterproofing is needed to stop water leaks that damage the tunnel structure. This tunnel also provides critical space in the event of a natural emergency such as tornados and outside attacks of aggression. With the current condition of the tunnels, occupants are forced into dark and wet/slippery environments with poor air quality that could cause harm. This offer also assists in correcting other potentially hazardous situations for employees including contact with electrical lines and pressurized steam pipes.						
Consequences of Deferral The tunnel system is a critical infrastructure so state agencies can conduct their business. The tunnel provides critical utilities to eight facilities on the Capitol Complex. The loss of this tunnel will disrupt heating, cooling, and electrical systems that are critical in keeping these facilities open.						
Alternatives to Project Close portions of the tunnel system to pedestrian traffic.						



Project Title	FY2008	FY2009	FY2010	FY2011	FY2012	Projected 5-Year Expenses Total
Capitol Complex Property Acquisition and Related Services						
Governor's Recommendation	\$1,000,000					
<i>Five Year Plan:</i>	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$5,000,000
Offer Description						
Provide funding for property acquisition and services related to property acquisition at the Capitol Complex including appraisals and environmental assessments.						
Justification						
This funding for Capitol Complex Property Acquisition Services will advance the goals of the Capitol Complex Master Plan and enhance the beauty of the Capitol Complex, a major symbol of Iowa's strength, beauty and heritage. The Capitol Complex Master Plan, adopted in 2000, calls for continued property acquisitions adjacent to the Capitol Complex. This offer provides funds necessary to conduct appraisals and environmental assessments of prospective properties as they become available, and for actual property acquisition. Additional acquisition funding may be necessary for as specific properties become available.						
Consequences of Deferral						
Without this funding, as properties become available the department will be unable to conduct necessary evaluations in preparation for acquisition funding requests.						
Alternatives to Project						
Do not conduct evaluations of properties before requesting acquisition funding; or, do not pursue acquisition of adjacent properties.						
Repairs to Parking lots on the Capitol Complex						
Governor's Recommendation	\$1,650,000					
<i>Five Year Plan:</i>	\$1,650,000	\$0	\$0	\$0	\$0	\$1,650,000
Offer Description						
This service offering will provide continued planning, design and repairs to the balance of the parking lots on the Capitol Complex. Funding is in place to repair approximately 1/2 of the existing surface parking lots.						
Justification						
Funding is essential for maintaining the infrastructure of state government. The parking lot system requires major resurfacing. Currently, pedestrian hazards exist, especially for those people who have disabilities. This project will provide safe access to the state owned facilities and provide the necessary means for Legislature, visitors and employees to access state government services. These parking lots are viewed as a very important, infrastructure and need to be maintained.						
Consequences of Deferral						
Maintaining the state's valuable infrastructure is a critical part of what this proposal provides, so the citizens of Iowa and state agencies can conduct their business in a safe, healthy and well maintained environment.						
Alternatives to Project						
Defer improvements and patch lots as required with routine maintenance or emergency funding sources.						



Project Title	FY2008	FY2009	FY2010	FY2011	FY2012	Projected 5-Year Expenses Total
West Capitol Terrace Restoration / Removal of Parking Lots 7 and 8						
Governor's Recommendation	\$1,600,000					
<i>Five Year Plan:</i>	\$1,600,000	\$1,050,000	\$1,000,000	\$0	\$0	\$3,650,000
Offer Description						
Provide for next phases of development after removal of the parking lots west of the Capitol Building and replacement with an ADA compliant walkway between East 7th and Finkbine, including landscaping to create a major public greenspace at the west entrance to the Capitol Complex.						
Justification						
Continued funding for restoration of the West Capitol Terrace will advance the goals of the Capitol Complex Master Plan and enhance the beauty of the Capitol Complex, a major symbol of Iowa's strength, beauty and heritage. It will also re-establish the traditional link between the Capitol Complex and the East Village area of Des Moines. This request includes an allocation for a substantial fountain on the site.						
Consequences of Deferral						
There are no alternatives to this project, other than less expensive or piece-meal modifications for continued enhancements.						
Alternatives to Project						
Make no further improvements to the project and advise the City of Des Moines that we are unable to continue funding this project.						
Capitol Interior and Exterior Restoration Continuation						
Governor's Recommendation	\$6,300,000					
<i>Five Year Plan:</i>	\$6,300,000	\$6,200,000	\$0	\$0	\$0	\$12,500,000
Offer Description						
Provides design and construction funding for continued restoration of the Capitol's Interior and Exterior. Some items include expanding the existing fire suppression and alarm systems, installing additional door security, providing safety and accessibility improvements, replacing the south Rotunda elevator, automating the lighting in public corridors for security and energy savings, enclosing the rotunda's first floor opening, enhancing the lighting in the Rotunda, Grand Staircase, Law Library skylight and to the "Westward" and "Plenty" artwork, restoring the five remaining battle flag cases, repairing the Rotunda and Grand Staircase wall & ceiling finishes, restoring the Rotunda statues (lunettes), restoring the floor tile in the first floor corridors and restoring scagliola columns. Completion of exterior work, including installation of an irrigation system, is scheduled after completion of interior work.						
Justification						
Without funding for Capitol Interior and Exterior Restoration, continuity of government cannot be assured. Statewide major maintenance funding or emergency funding will be required to address immediate needs as they arise or facilities and systems will be closed. The Capitol is under citation for non-compliance with the fire, building and life safety codes. A study was conducted to develop a plan for bringing this 120 year old building into code compliance without destroying its historical significance. The Americans with Disabilities Act requires that state programs must be accessible, and some spaces in the building remain inaccessible to persons with disabilities.						



Project Title	FY2008	FY2009	FY2010	FY2011	FY2012	Projected 5-Year Expenses Total
Consequences of Deferral						
In the event of fire or other emergency, remaining unrestored areas in the building present potential life-threatening situations because of limited fire suppression and alarm; without this project there is a possibility of loss of life. The Capitol is the public building of the State and should be as accessible as possible. There is the possibility of the loss of use of this public building. Failure to fund this phase will delay the work and result in increased costs.						
Alternatives to Project						
Delay or slow down this phased construction project.						
Capitol Complex Electrical Distribution System Upgrade						
Governor's Recommendation	\$4,260,960					
<i>Five Year Plan:</i>	\$4,260,960	\$4,470,000	\$0	\$0	\$0	\$8,730,960
Offer Description						
Provide for continued repair, replacement and upgrades to the primary distribution system for the Capitol Complex, including replacement and relocation of transformers in the Capitol building, full generation for the Capitol Complex. When the project is complete, the entire primary loop system will be replaced or upgraded and the complex will have full back-up generation.						
Justification						
This funding for the primary loop and generation project is critical to meet Homeland Security requirements of the Department of Public Health and continuity of government requirements for other agencies on the Capitol Complex. Public Health, Information Technology and General Services have funded initial phases of the work and an additional infrastructure appropriation of \$1.8 Million was received in FY2006. By consolidating these funds and supplementing them with an additional capital appropriation, multiple deficiencies within the Capitol Complex electrical distribution system can be resolved. Transformers in the basement of the Capitol Building are a life safety threat because of their age, deteriorated condition and location. Back up generation is limited, the existing primary distribution system is aging and sections of the system have failed. Full generation will allow leveling of peak electrical demand charges. Those charges, now costing approximately \$350,000 per year, may be reduced by about one third with full back up generation. A master plan for this work is already funded and underway. Additional funding is essential to complete the remaining components of this project.						
Consequences of Deferral						
Without funding, the transformers in the Capitol building present a threat to the safety of the workers and to the Capitol building.						
Alternatives to Project						
Without additional funding, work will proceed only as other funds become available or when emergency situations arise.						
Renovation of 1000 E. Grand for Asbestos Abatement						
Governor's Recommendation	\$4,000,000					
<i>Five Year Plan:</i>	\$1,000,000	\$12,000,000	\$0	\$0	\$0	\$13,000,000
Offer Description						
Asbestos abatement and related building renovation work, including design services, for the entire Iowa Workforce Development Building at 1000 E. Grand. Further study may determine that replacement is more cost effective than renovation.						



Governor's Recommendations
DAS FY08 Infrastructure Offers

02/19/2007

Project Title	FY2008	FY2009	FY2010	FY2011	FY2012	Projected 5-Year Expenses Total
Justification The building, constructed in two phases in the late 1960s and early 1970s, contains asbestos fireproofing throughout the building. While the asbestos is contained, every time any maintenance is needed, asbestos cleaning must be performed. This greatly increases the cost of repairs. The asbestos containing materials must be removed to ensure a better workplace environment and to reduce maintenance costs. Abatement could be completed through phased planning so as to displace one floor in a wing at a time. This is logical next step to start to take action based on Phase 1, Asbestos Sampling and Study completed in FY02. A study prepared for Iowa Workforce Development outlines alternatives ranging from phased abatement and renovation to complete demolition and replacement with a new building. This offer will temporarily vacate the building to allow for full abatement and renovation.						
Consequences of Deferral An accidental and unanticipated release of asbestos into the air in the building could result in closure and extensive clean-up with emergency funds.						
Alternatives to Project Phased abatement using major maintenance funds is beginning, but this will require a number of phased projects, and the major maintenance funds could be better directed to needs around the State. Doing nothing will require continued costs to monitor air quality and to clean up asbestos whenever repair work is undertaken.						
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Workers' Monument						
Governor's Recommendation	\$200,000					
<i>Five Year Plan:</i>	\$0	\$0	\$0	\$0	\$0	\$0
Offer Description						
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Justification						
00						
Consequences of Deferral						
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Alternatives to Project						
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DHS/IJH New Education & Infirmary Building						
Governor's Recommendation (Funds Appropriated in 2006)	\$3,100,000					
<i>Five Year Plan:</i>	\$3,100,000	\$0	\$0	\$0	\$0	\$3,100,000
Offer Description						
An appropriation was provided for in HF 2782 for SFYs 2007 and 2008 for the Iowa Juvenile Home Education and Infirmary Building project. This request is for the second year funding, SFY 2008, to complete the project already in progress. This second-year funding (\$3,100,000) is to construct a new school/infirmary building at the Iowa Juvenile Home; renovate existing school building; demolish old infirmary and Wilson Cottage. The construction will provide substantially increased space for vocational instruction and training, provide a science lab to be used in conjunction with academic classes, and build a modern gym. The construction will also allow the infirmary to be moved from its present outdated and inefficient space into the basement of the new building.						



Project Title	FY2008	FY2009	FY2010	FY2011	FY2012	Projected 5-Year Expenses Total
Justification Strong vocational training and instruction gives juveniles who are discharged from the Iowa Juvenile Home increased skills that facilitate a smooth integration into the community. The vocational programming offered by the Iowa Juvenile Home has become progressively more comprehensive and complex. These programs can no longer effectively operate squeezed as they currently are into unused space in the education building. The infirmary building is in bad condition and offers inadequate space to meet the health care needs of Iowa Juvenile Home residents.						
Consequences of Deferral Without this funding, it would not be possible to complete the project that is currently underway.						
Alternatives to Project Alternatives to this offer are to continue operating the vocational programs in their current inadequate and cramped quarters in the education building. Continued use of the infirmary building would require substantial major maintenance costs, and the physical layout of the space would still be poorly suited for modern health care.						

Statewide Major Maintenance

Governor's Recommendation (Funds Appropriated in 2006)	\$40,000,000					
<i>Five Year Plan:</i>	\$40,000,000	\$40,000,000	\$40,000,000	\$40,000,000	\$40,000,000	\$200,000,000

Offer Description

This service offering corrects major maintenance, health/safety/loss of use and American Disability Act, deficiencies at the Capitol Complex and statewide for all agencies except Department of Transportation, Department of Natural Resources, Department of Public Defense, Regent Institutions and Iowa Public Employees Retirement System.

Justification

\$40 million in FY2008 funding has been appropriated by the legislature as well as \$40 million for FY2009. Without this funding for Statewide Major Maintenance, continuity of government cannot be assured. Emergency funding will be required to address immediate needs as they arise or facilities and systems will be closed. FY2008 and FY2009 projects have been identified and prioritized and many will be ready to proceed on July 1, 2007. Some will be under contract, pending release of funds. Major maintenance funding corrects problems identified in the state's vertical infrastructure assessment as well as emergency major maintenance projects and continues projects to make state facilities accessible. These facilities represent an estimated replacement cost of almost \$2 billion. The state has made major investments in inventory that must be maintained if we are to protect the interests of Iowa's taxpayers and serve the needs of its citizens. Beginning in 1999, the Governor's Vertical Infrastructure Advisory Committee has developed a systematic approach to prioritizing the most critical needs and allocating the available funding to these projects across the state. This request represents less than 9% of the backlog of deferred maintenance (estimated at \$462 million).

Consequences of Deferral

Without adequate funding to correct repair needs we may place state employees and the public at risk of loss of life. Access to some programs and services will be limited and the state will be out of compliance with requirements of the Americans with Disabilities Act.

Alternatives to Project

Address only the most severe problems, frequently after total failure, or public or employee complaints. Request emergency or supplemental funding.



Project Title	FY2008	FY2009	FY2010	FY2011	FY2012	Projected 5-Year Expenses Total
New State Office Building						
Governor's Recommendation (Funds Appropriated in 2006)	\$16,100,000					
<i>Five Year Plan:</i>	\$16,100,000	\$16,800,000	\$6,657,100		\$0	\$39,557,100
Offer Description						
Maintain funding appropriated to design and begin construction efforts on a new state office building replace the Wallace State Office Building, including planning for relocation of the occupants, associated lease costs and demolition of the building.						
Justification						
Return on investment analysis work has begun based on appropriations of \$ 37,585,000 in FY 2006-07, \$16,100,000 in FY 2007-08, \$16,800,000 in FY 2008-09 and \$6,657,100 in FY 2009-10. This offer represents funds appropriated during the 2006 legislative session.						
Consequences of Deferral						
Continued deterioration resulting from plumbing leaks. Continued complaints from employees about air quality and health concerns. Complete closure of the parking structure. Increased leased space around Des Moines because of limited office space on complex.						
Alternatives to Project						
Do not provide funding for planning and allow building to continue to deteriorate without a plan for the future.						
Statewide Demolition Funding						
Governor's Recommendation	\$0					
<i>Five Year Plan:</i>	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$5,000,000
Offer Description						
Provide specific funding for demolition of facilities statewide that have deteriorated, are no longer functional and are beyond repair.						
Justification						
The 1999 Inventory and Assessment of State facilities and subsequent analysis of facilities at state institutions, including correctional facilities and human service facilities, identified some existing facilities that are no longer functional and that have deteriorated to the point where repair is no longer economically feasible. The Governor's Vertical Infrastructure Advisory Committee has recommended that funding for demolition of these facilities should be a high priority. The committee has also recommended that major maintenance funding, which is intended for building repair, should not be used for demolition. This offer will provide funds specific to building demolition, targeted to buildings that have been reviewed by the advisory committee in collaboration with the responsible agencies.						
Consequences of Deferral						
Deferral of demolition funding means that agencies must continue to monitor and maintain unused buildings, that dangerous and deteriorated buildings will continue to present a threat to passers-by or to residents and workers at state institutions who may enter such buildings without adequate protection, or major maintenance or emergency funding must be used when threatening conditions require demolition on an emergency basis.						
Alternatives to Project						
Continue to maintain deteriorating buildings or demolition those buildings with alternative funding.						



Project Title	FY2008	FY2009	FY2010	FY2011	FY2012	Projected 5-Year Expenses Total
Capitol Complex New Parking Structure Planning						
Governor's Recommendation	\$0					
<i>Five Year Plan:</i>	\$150,000	\$1,125,000	\$15,000,000	\$0	\$0	\$16,275,000
Offer Description						
As new buildings are constructed on the Capitol Complex, existing surface parking spaces are lost. This offer provides funding to begin planning for additional structured parking to serve the needs of employees and visitors to the complex.						
Justification						
The Capitol Complex Master Plan has identified locations on the Capitol Complex for additional structured parking, with the goal of eliminating existing gravel lots. Also, the 2000 Capitol Complex Space Study identified the need for additional parking to meet a goal of 3 parking spaces per 1,000 gross square feet of floor area. This study will evaluate the need and begin the planning of additional structured parking.						
Consequences of Deferral						
If planning for additional structured parking is delayed there will be an unmet need for parking on the Capitol Complex.						
Alternatives to Project						
Develop additional surface parking lots on existing open space or develop alternatives such as shuttle services and leasing of additional parking facilities.						
Capitol Complex Court Avenue Bridge Replacement						
Governor's Recommendation	\$0					
<i>Five Year Plan:</i>	\$900,000	\$6,000,000	\$0	\$0	\$0	\$6,900,000
Offer Description						
Provide design and construction services for replacement of the bridge spanning Court Avenue south of the Capitol and leading to the Judicial Branch site. The bridge was removed in 1993 because of safety hazards.						
Justification						
This funding for Replacement of the Court Avenue Bridge will advance the goals of the Capitol Complex Master Plan and enhance the beauty of the Capitol Complex, a major symbol of Iowa's strength, beauty and heritage. The bridge will provide public access to the new Judicial Branch facility and to the monuments and memorials located on the south side of Court Avenue. The bridge replacement is the top priority of the Capitol Planning Commission and is a component of the Capitol Complex Master Plan, adopted in 2000. Without the bridge, pedestrian access to the Judicial Branch is limited and, at times, dangerous.						
Consequences of Deferral						
Continued challenging access to the Judicial Branch facilities for the public and state workers. Loss of access to and public awareness of significant portions of the State's facilities and history.						
Alternatives to Project						
Continue to limit public pedestrian access between the Capitol building, other major Capitol Complex features and the monuments, memorials and Judicial facilities south of Court Avenue.						



Project Title	FY2008	FY2009	FY2010	FY2011	FY2012	Projected 5-Year Expenses Total
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East Capitol Parking Lot 13 Renovation						
Governor's Recommendation	\$0					
<i>Five Year Plan:</i>	\$340,000	\$3,070,000	\$0	\$0	\$0	\$3,410,000
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Offer Description						
This service offering provides design and renovation serves to enhance the appearance of the east Capitol parking lot (Lot 13).						
Justification						
This funding request for the East Capitol Parking Lot 13 Restoration will advance the goals of the Capitol Complex Master Plan and enhance the beauty of the Capitol Complex, a major symbol of Iowa's strength, beauty and heritage. To complete the enhancements to the Capitol Building, the Capitol Planning Commission and the Capitol Complex Master Plan recommend improvements to the east lot adjacent to the Capitol. This project will provide additional design recommendations specific to this lot. Schematic design proposals have been developed.						
Consequences of Deferral						
The full potential of the Capitol's beauty will not be realized because of the asphalt parking lot.						
Alternatives to Project						
Maintain the asphalt lot east of the Capitol with no aesthetic enhancements.						
<hr/>						
Terrace Hill 3rd Floor Kitchen Updates						
Governor's Recommendation	\$0					
<i>Five Year Plan:</i>	\$50,000	\$0	\$0	\$0	\$0	\$50,000
<hr/>						
Offer Description						
This offer will update and remodel the 3rd floor private kitchen and provide other miscellaneous improvements. Significant work is needed in the kitchen and other minor work throughout the private quarters.						
Justification						
The Governor's private quarters need updating. The private kitchen was last remodeled 30 years ago. Carpet and paint is 8 years old.						
Consequences of Deferral						
Costs will only increase.						
Alternatives to Project						
Do nothing.						
<hr/>						
Planning for the Renovation of Grimes State Office Building						
Governor's Recommendation	\$0					
<i>Five Year Plan:</i>	\$750,000	\$10,600,000	\$0	\$0	\$0	\$11,350,000
<hr/>						
Offer Description						
Preliminary planning services in preparation for phased renovation of the Grimes Building (constructed in 1966) including critical health and life safety improvements (Phase 1 in FY2008-FY2009) and full renovation (Phase 2 in FY2010), including tenant improvements and a possible addition to the south. Renovation funding for the Phase 1 critical improvements will be identified in the planning process.						



Project Title	FY2008	FY2009	FY2010	FY2011	FY2012	Projected 5-Year Expenses Total
Justification						
The building is the oldest office building on complex that has not been renovated and it is in need of improvements to the exterior skin including the roof, to mechanical, electrical and plumbing systems throughout the building. The structure does not meet current code requirements for fire doors and fire rated enclosures and doors to office suites are not fully compliant with the Americans with Disabilities Act. Spaces within are also in need of a general facelift to update flooring, walls, and ceilings. The Capitol Planning Commission has recommended evaluation of the building for a possible addition to the south that could meet additional space requirements on the Capitol Complex.						
Consequences of Deferral						
The fire marshal's office could cite the Department of Administrative Services for safety related issues in the building. Systems could fail, requiring more expensive emergency repairs. Agencies housed in the building will be increasingly dissatisfied with the quality of their space compared to other facilities on complex and they could request to be relocated to leased space at a higher cost.						
Alternatives to Project						
Some minor improvements can be made with routine maintenance or major maintenance money but this will limit funds available to other projects and a piece-meal approach to improvements will be less cost effective.						



**Return on Investment Program
Frequently Asked Questions**
February 13, 2007

Q1: What is the Return on Investment (ROI) Program?

A1: The ROI Program provides opportunity to request funds from the Pooled Technology Fund. Some of the revisions adopted for FY 2008 include:

- Simplification of the application and evaluation
- Increased emphasis placed on projects that will benefit state government as an enterprise or multiple agencies

ROI applications continue to be encouraged from all agencies for all information technology projects that demonstrate a positive return on investment.

Q2: What is the Pooled Technology Fund?

A2: The Pooled Technology Fund is a centralized funding stream for information technology projects. Its resources are awarded through a multi-step ROI evaluation process managed by the Department of Administrative Services - Information Technology Enterprise (DAS-ITE). The process was designed to ensure that projects are focused on results that benefit taxpayers, minimize duplication among state agencies, and assure that the state receives maximum benefit from its investment in technology.

Q3: How does the Pooled Technology Fund project prioritization process work?

A3: Each year state agencies complete a ROI funding document that contains information on the proposed projects along with the projected return on investment. Once an agency submits a ROI funding request they are reviewed and scored through a series of reviews and evaluations and then prioritized. The prioritization process is composed of the following steps:

- State agencies submit requests (i.e., funding applications) that define expected costs and Return on Investment for various projects.
- The applications are sent to the Joint Chief Information Officers (JCIO). The JCIO is comprised of eleven Chief Information Officers from agencies with the largest internal IT components, representing over 90% of the IT expenditures in state government. The JCIO reviews and score each application.
- The Technology Governance Board (TGB) reviews the JCIO rankings of the ROI projects and adjusts the ranking, if desired.
- The DAS Director approves projects for inclusion in the DAS budget request.
- The Governor reviews the DAS request and includes approved projects in his budget.
- The General Assembly appropriates funding, often earmarking specific projects and designating additional funds to be divided among top-ranked projects, typically from the Rebuild Iowa Infrastructure Fund (RIIF).

Q4: How are the ROI applications scored by the JCIOs?

A4: The ROI applications are rated and scored in three areas: project description (30%), expected results (30%), and financial analysis (40%). There is also an outcome measures section that is not used in the scoring: the 6 auditable outcome measurement areas consist of improved customer service, citizen impact, cost savings, project reengineering, source of funds, and tangible and intangible benefits.

Q5: How are projects implemented?

A5: The DAS Director and DAS-ITE Chief Operating Officer determine final funding for approved projects in consultation with agencies submitting the projects. DAS disburses funds according to the application plan.

Q6: What is the history of this mechanism?

A6: Table 1. Pooled Technology Funding History

Fiscal Year	Requested	Awarded
FY 2001	\$30 million	\$19 million
FY 2002	79 million	\$1.0 million
FY 2003	\$74 million	0
FY 2004	\$75 million	\$2.0 million
FY 2005	\$27 million	\$1.8 million
FY 2006	\$7.2 million	\$3.8 million
FY 2007	\$3.9 million	\$3.4 million
FY 2008	\$3.8 million	To be determined

Q7: What funding was requested for FY 2008 projects?

A7: See Table 2 (below):

Table 2 - Fiscal Year 2008 Pooled Technology Funding Request

Project Descriptions
High School Transcript Repository - Education: Implements an electronic repository of the information maintained on a high school transcript. The electronic transcript system enables high school graduates to electronically send transcripts to postsecondary institutions or employers and provide a central location for all high school transcripts. (Requested - \$ 562,000)

Electronic Tax Administration: E Services Expansion/Electronic Applications Modernization – Revenue: Expands electronic filing of tax return information and payment for taxes with smaller volumes, includes corporate income and partnership returns as well as various property tax programs such as utility assessment reporting and local government projects. (Requested - \$465,000)
Living Disaster Recovery Planning System – Homeland Security: Program costs associated with a disaster plan management software tool used in state government, used for continuing technical support and enterprise wide implementation for emergency preparedness. (Requested - \$499,200)
Remote Field Office Improvements - Natural Resources: Improvements to the DNR's remote location connectivity and high speed Internet/Intranet access; and enhancements for field staff to provide services to the public who utilize Iowa's natural resources. (Requested - \$325,000)
Automated Benefits Calculation Technology Enhancement – Human Services: Modernizes the system by creating a relational database from existing files, modifying current batch processing system into a real-time update system, and replacing existing user interface with a new web-based one. New system will simplify maintenance, provide information via web services to applicable state agencies, and reduce the system's operating costs. (Requested - \$552,000)
Enterprise Laptop/Removable Media Encryption Effort – Administrative Services: Implement enterprise information security standards requiring laptop computers and removable storage media to be encrypted. Provides funding for software licenses of 5389 laptop computers and six servers, includes consulting services for planning/implementation. (Additional request - \$448,175)
Iowa Corrections Online Network – Corrections: Expands the ICON system, the offender management system for the agency. ICON is a key component of the Governor's and Chief's data sharing initiative for all criminal justice agencies across Iowa. Continued expansion of ICON will further decrease the recidivism rate in the state. (Requested - \$400,000)
Electronic Behavioral Health Information System – Human Services: Provides off-the-shelf user configurable applications software for an electronic Behavioral Health Information System for four Mental Health Institutes and two Resource Centers. The software includes integrated administrative, billing, financial, clinical, behavioral and pharmacy components. (Requested - \$324,000)
Iowa Citizen Identifier or Iowa ID – Human Services: Implements a state identifier to simplify collection/management processes of personal information for Iowa citizens. The IID will be integrated within the Iowa A&A system, a system providing account and access management for users of state computer systems. Assigning IIDs to accounts and applying the IIDs to data stored within state agencies will simplify and enhance the information sharing process. (Requested - \$225,000)
Child Welfare Data Coordination Capacity Building– Inspections & Appeals: Facilitates in future service-oriented architecture initiatives and other multi-agency efforts to enhance the coordination of data systems with connections to Iowa's child welfare system. Provides electronic transmission of reports and information; extends e-access to case-level reports and other documents according to capacities and business rules. (Requested - \$210,000)
Microsoft SharePoint External Connector – Homeland Security: Expands the Microsoft SharePoint to include an external connector license. A project collaboration (web portal) site creates a single secured location to share project team information, manage document reviews and ownership status, and allow project teams to participate in alerts. (Requested - \$80,000)
Employee OnBoarding – Administrative Services: Improves staffing-related services billing by re-engineering all dependant and supporting processes for these services billed to DAS customers (within all three branches of state government) in a consistent, time-based system. (Requested - \$150,000)
Total of projects: \$ 4,240,375 / Requested funding: \$ 3,792,200

Q8: Why is there a difference between the total amount of the projects and the requested funding amount?

A8: The Budget Offer for the Pooled Technology Fund was prepared with a ranking of the original eleven ROI projects submitted by agencies, a total of \$3,792,200. After the Budget Offer was submitted to DOM, the enterprise encryption effort was created and sponsored by DAS Information

Security Office. Upon the recommendation of the TGB, the JCIO ranked the entire list of ROI projects (including the encryption effort). The new total amount for all projects is \$4,240,375--the difference between the original and the current totals is the estimated cost of the enterprise encryption effort.

The decision of the TGB and JCIO to include the enterprise encryption effort with the other ROI projects is based on the importance of the effort to state government. Unencrypted data on laptop computers and removable storage media represent a significant risk for the state. Industry best practice is now to encrypt all of these devices, because they are so easily lost or stolen. This project speeds the implementation of encryption technology and encourages use of the same encryption product through shared services across the executive branch. The primary outcome is a significant reduction in risk to critical state data, including citizen's personal data.

Q9: How will this funding be used and what results are expected?

A9: The requested funding will be used to:

- Replace outdated equipment and software.
- Deliver high quality, low cost services to the taxpayers of Iowa.
- Improve efficiency in the delivery of services to state government constituents.

These projects independently and collectively will greatly improve the efficiency of the Executive Branch by providing employees the tools to become more productive and responsive to the taxpayers of the State of Iowa. This is accomplished by providing additional on-line services, integrating information systems to facilitate information sharing, reducing information processing times, and standardizing processes, all of which supports increased customer satisfaction. This will reduce operational costs and provide for timely and accurate revenue collections.



Service Oriented Architecture Appropriation Request Frequently Asked Questions

February 13, 2007

Q1: What is a service-oriented architecture (SOA)?

A1: Architecture, in this context, reflects a software design and infrastructure that supports specific functional and operational requirements for the management and processing of data within state government. SOA is centered on common units of work that can be shared by many programs. For example, an airline may provide its flight schedules to many travel sites via a single service. That travel site can, in turn, get flight schedules from many airlines. A software application can be assembled from services, or services can be “exposed” from existing programs.

Q2: What is the Service Oriented Architecture (SOA) appropriation request for?

A2: The SOA request of \$254,992 will fund administrative support of the board and fund a critical enterprise research in the area of enterprise portfolio management. This research project will build the foundation of a consolidated information technology (IT) infrastructure for participating agencies.

Q3: What is the administrative support associated with the TGB?

A3: Portions of two Department of Administrative Services (DAS) FTEs support the board with administrative tasks and by performing and coordinating IT research upon request by the board. The budget item of \$84,992 is the amount associated with the portions of the two DAS FTEs.

Q4: What is the enterprise research for the TGB?

A4: The TGB was established to facilitate information technology decisions within the executive branch of Iowa state government, and the TGB bases these decisions on business drivers supporting customer requirements. Two of the first steps in establishing a consolidated infrastructure for IT will be the research associated with both an enterprise architecture and portfolio management. Last year’s IT research for the board was for the topic of service-oriented architecture (SOA) research.

Q5: What is the next IT research project for the TGB?

A5: The TGB anticipates using the new IT research funds of \$170,000 to fund work towards a portfolio inventory management system. This research will be used to aid the TGB and agencies in managing duplication within the enterprise and also to foster collaboration between agencies on IT projects.

Q6: What was accomplished with last year's SOA Research Project?

A6: Late in 2005, the TGB agreed that it needed a "yardstick" for assessing the technology spending under its purview. SOA was chosen as the yardstick because of its potential for strategic impact on state government, as well as its real-world applicability. To achieve the goal of defining and applying such a standard within state government, the TGB sponsored an Executive Branch SOA project and issued an RFP for a vendor to provide educational and organizational services to the internal SOA Technical Committee. From early April 2006 through the end of July 2006, a SOA Technical Committee guided the delivery of training, best practices, and planning from the selected vendor. The project was completed in August 2006. The deliverables from the SOA Technical Committee are available on the TGB's website at: http://www.das.iowa.gov/tgb/IT_research/index.html.

Q7: How will the SOA be implemented and what are the next steps of the project?

A7: Based on the recommendations of the SOA Technical Committee and the JCIO, the TGB has formed a SOA Advisory Committee with core members from all three branches of state government. This group will oversee the various standards-setting and research working groups that will drive the implementation of this new architecture. The Criminal Justice Information Sharing (CJIS) project is the first multi-agency project that will make widespread use of SOA to achieve its goals. The SOA Advisory Committee was invited to participate in the selection of the CJIS project vendor and the eventual delivery of the project. We hope to gather real-world information about SOA and use the knowledge to further the adoption of SOA throughout the State.

Q8: Why was the TGB formed?

A8: The formation of the TGB was one of the recommendations outlined in the Enterprise Infrastructure and Personnel (EIP) Assessment. The EIP study assessed all IT resources within the executive branch of the State with a goal of becoming more effective and efficient in the methods of doing business within state departments. The legislature identified improved effectiveness with regard to IT (processes, technology and organization) as one area to review and identify the impact of any possible changes that would enhance the ability of departments to conduct their business, as well as making IT more efficient, therefore saving operating expenses. Specifically the TGB needs to understand where duplication exists, the cost associated with identified potential changes and how any changes would impact the departments, constituents and organization.



ICN Equipment Replacement Request FAQ

Appropriation Request: \$2,067,000

Background:

The Iowa Communications Network (ICN) is the state-owned fiber-optic network that is providing voice, video, data, and high-speed Internet services to authorized users. Consistent, reliable telecommunications provides a vital connection to Iowa's educational institutions, government, libraries, Homeland Security, federal government offices, which are all provided services by the ICN. ICN provides full-motion two-way video conferencing capabilities to over 6,000 Iowans each day through 750 sites for distance education and other training or administrative sessions. There is an ICN classroom within 15 miles of any location in Iowa. Additionally the ICN provide Internet Services to a large number of its customers. Services purchased by these customers has more than doubled since July 1, 2005.

Frequently Asked Questions regarding the Appropriation Recommendation:

Why is the ICN requesting funding to replace equipment?

This minimum investment will ensure that basic requirements of ICN users are met and address two different funding issues affecting the Network:

- Replacement of aging equipment, 'end of life' equipment, or Network requirements.
- A state appropriation in order for the Network to receive Universal Service Fund dollars on behalf of schools and libraries.

Why is this appropriation a means to obtain USF funding?

A state appropriation investment allows the state to receive Universal Service Fund monies on behalf of schools and libraries in accordance with the Code of Federal Regulations. Historically, ICN appropriations, including the appropriations to repay the network's certificates of participation, have been identified as state support and were applied against the price of the video service provided to K-12 schools and libraries. This request is in keeping with this precedent and the state would be eligible for E-rate discounts up to \$1,932,964 during FY 2008.

What equipment should be replaced or added?

- **Voice (Local Telephone System) Equipment Serving State Agencies in the Des Moines Metro Area** The manufacturer no longer supports the equipment and third-party refurbished replacement parts are becoming scarce. To date, the ICN has not experienced major outages. ICN customers experienced intermittent difficulty in dialing out during the first week in February, 2007. The problem resulted from roughly 60% of the connections failing as a result of removal of the old equipment. The equipment configuration on the Capitol Complex is very unusual and intricate, and the problem took several hours to troubleshoot and several days to solve the malfunction. The troubleshooting and resolving the malfunction took additional time since vendor technicians had not worked on this type of equipment for many years, emphasizing the importance to migrate to a supported version of equipment. (This is the third part of a six year project, including roughly 50% on-Complex and 50% off-Complex work.)

- **Internet Services Technology Equipment**

Many new video applications for education, medical and other government services are moving to Internet Protocol (IP) technology. Capabilities offered by the new equipment would allow more simultaneous "IP" sessions and better quality Video over IP conferences than are currently supported. Availability of the IP option meets the current and future needs of the educational community as more video sites deploy and utilize IP connections.

What is the breakdown of the expenditures included in the appropriation request?

**Voice (Local Telephone System)
equipment serving state agencies on the
capitol complex and Polk county**

Phones	\$406,800	
Replaced Network Equipment	\$457,650	
Labor and Training	\$152,550	
		<u>\$1,017,000</u>

Internet Services Technology Equipment*

Switches	\$735,000	
Routers	\$315,000	
		<u>\$1,050,000</u>

<u>Total Appropriation Request</u>		<u>\$2,067,000</u>
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* Estimate pending finalization of contract

What has been accomplished with previous years' appropriations?

- To date, the infrastructure upgrades are being made to update the capitol complex voice system: 1,200 new phones have been installed and 1,700 are in the process of being installed.
- Installation of replacement of backbone video transmission equipment is about 60 percent complete. There are some remote alarm issues that are being resolved.
- An additional network Asynchronous Transfer Mode (ATM) switch for the Capitol Complex users has been installed.
- A network router that directs voice, video, and data traffic has been added.
- Additional replacement of backbone video transmission equipment has been ordered from the vendor.
- ICN staff members are in the process of updating of equipment and software for video scheduling.
- The contract to install Internet Protocol technology equipment is currently under appeal.
- The connection to the Des Moines Metro Ring is 95 percent complete.

For further information contact: Mark Johnson
Legislative Liaison
515-281-4247
mark.johnson@iowa.gov

Tami Fujinaka
Government Relations
515-725-4658
tami.fujinaka@iowa.gov 2/6/2007